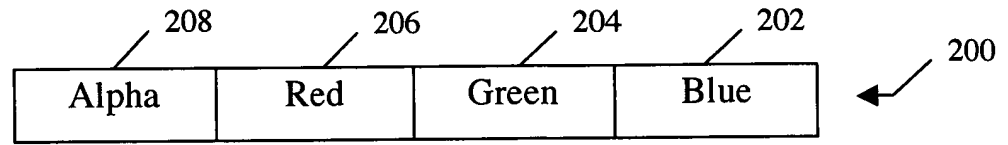
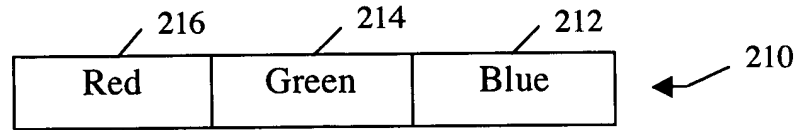


**Fig 1**

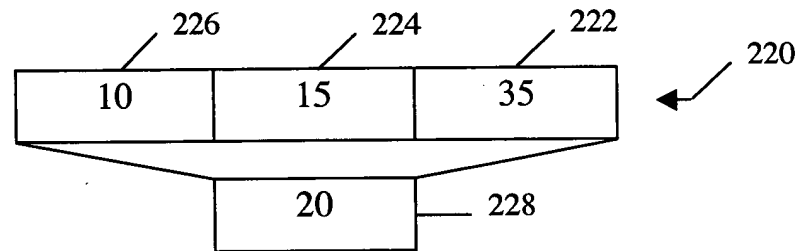
**Fig 2A**



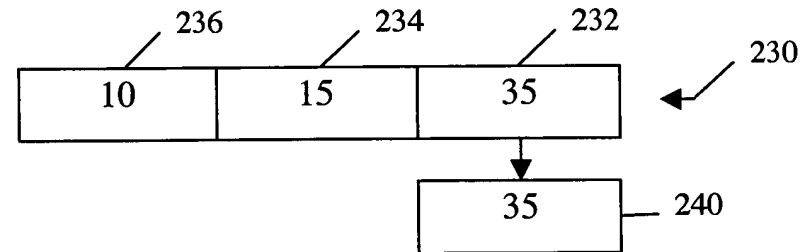
**Fig 2B**



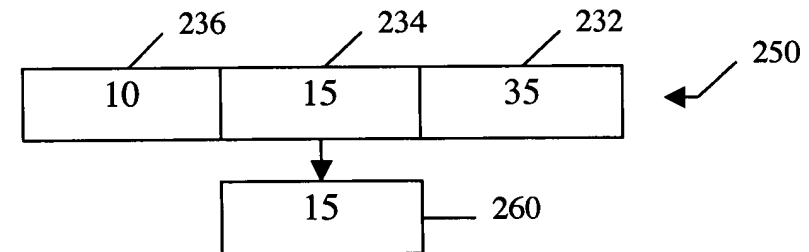
**Fig 2C**



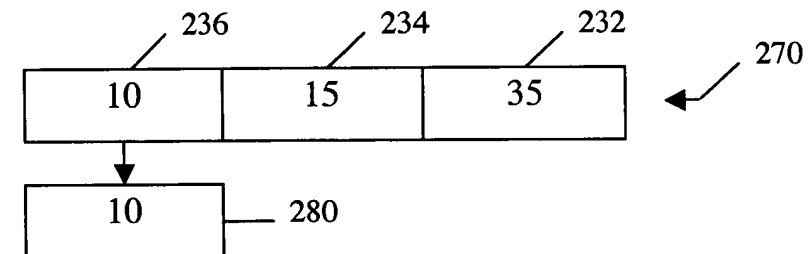
**Fig 2D**



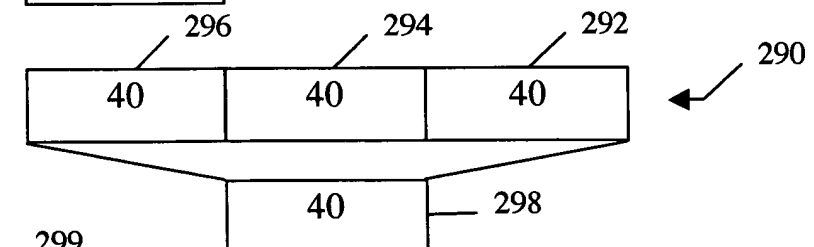
**Fig 2E**



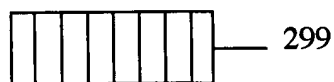
**Fig 2F**



**Fig 2G**



**Fig 2H**



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```

                                300
                                ↓
unsigned char encodeTable[ ] = {

    370
    ↓
    0,  0,  0,  0,  0,
    1,  1,  1,  1,  1,  1,  1,  1,
    2,  2,  2,  2,  2,  2,  2,  2,
    3,  3,  3,  3,  3,  3,  3,  3,  3,
    4,  4,  4,  4,  4,  4,  4,  4,
    5,  5,  5,  5,  5,  5,  5,  5,
    6,  6,  6,  6,  6,  6,  6,  6,
    7,  7,  7,  7,  7,  7,  7,  7,  7,
    8,  8,  8,  8,  8,  8,  8,  8,
    9,  9,  9,  9,  9,  9,  9,  9,
    10, 10, 10, 10, 10, 10, 10, 10,
    11, 11, 11, 11, 11, 11, 11, 11, 11,
    12, 12, 12, 12, 12, 12, 12, 12,
    13, 13, 13, 13, 13, 13, 13, 13,
    14, 14, 14, 14, 14, 14, 14, 14,
    15, 15, 15, 15, 15, 15, 15, 15, 15,
    16, 16, 16, 16, 16, 16, 16, 16,
    17, 17, 17, 17, 17, 17, 17, 17,
    18, 18, 18, 18, 18, 18, 18, 18,
    19, 19, 19, 19, 19, 19, 19, 19, 19,
    20, 20, 20, 20, 20, 20, 20, 20,
    21, 21, 21, 21, 21, 21, 21, 21,
    22, 22, 22, 22, 22, 22, 22, 22,
    23, 23, 23, 23, 23, 23, 23, 23, 23,
    24, 24, 24, 24, 24, 24, 24, 24,
    25, 25, 25, 25, 25, 25, 25, 25,
    26, 26, 26, 26, 26, 26, 26, 26,
    27, 27, 27, 27, 27, 27, 27, 27, 27,
    28, 28, 28, 28, 28, 28, 28, 28,
    29, 29, 29, 29, 29, 29, 29, 29,
    30, 30, 30, 30, 30, 30, 30, 30,
    31, 31, 31, 31

    // 0 - 4 -> 0
    // 5 - 12 -> 8
    // 13 - 20 -> 16
    // 21 - 29 -> 24
    // 30 - 37 -> 33
    // 38 - 45 -> 41
    // 46 - 53 -> 49
    // 54 - 62 -> 57
    // 63 - 70 -> 66
    // 71 - 78 -> 74
    // 79 - 86 -> 82
    // 87 - 95 -> 90
    // 96 - 103 -> 99
    // 104 - 111 -> 107
    // 112 - 119 -> 115
    // 120 - 128 -> 123
    // 129 - 136 -> 132
    // 137 - 144 -> 140
    // 145 - 152 -> 148
    // 153 - 161 -> 156
    // 162 - 169 -> 165
    // 170 - 177 -> 173
    // 178 - 185 -> 181
    // 186 - 194 -> 189
    // 195 - 202 -> 198
    // 203 - 210 -> 206
    // 211 - 218 -> 214
    // 219 - 227 -> 222
    // 228 - 235 -> 231
    // 236 - 243 -> 239
    // 244 - 251 -> 247
    // 252 - 255 -> 255

};

    310                                320
    └────────────────────────────────┘  └────────────────────────────────┘

```

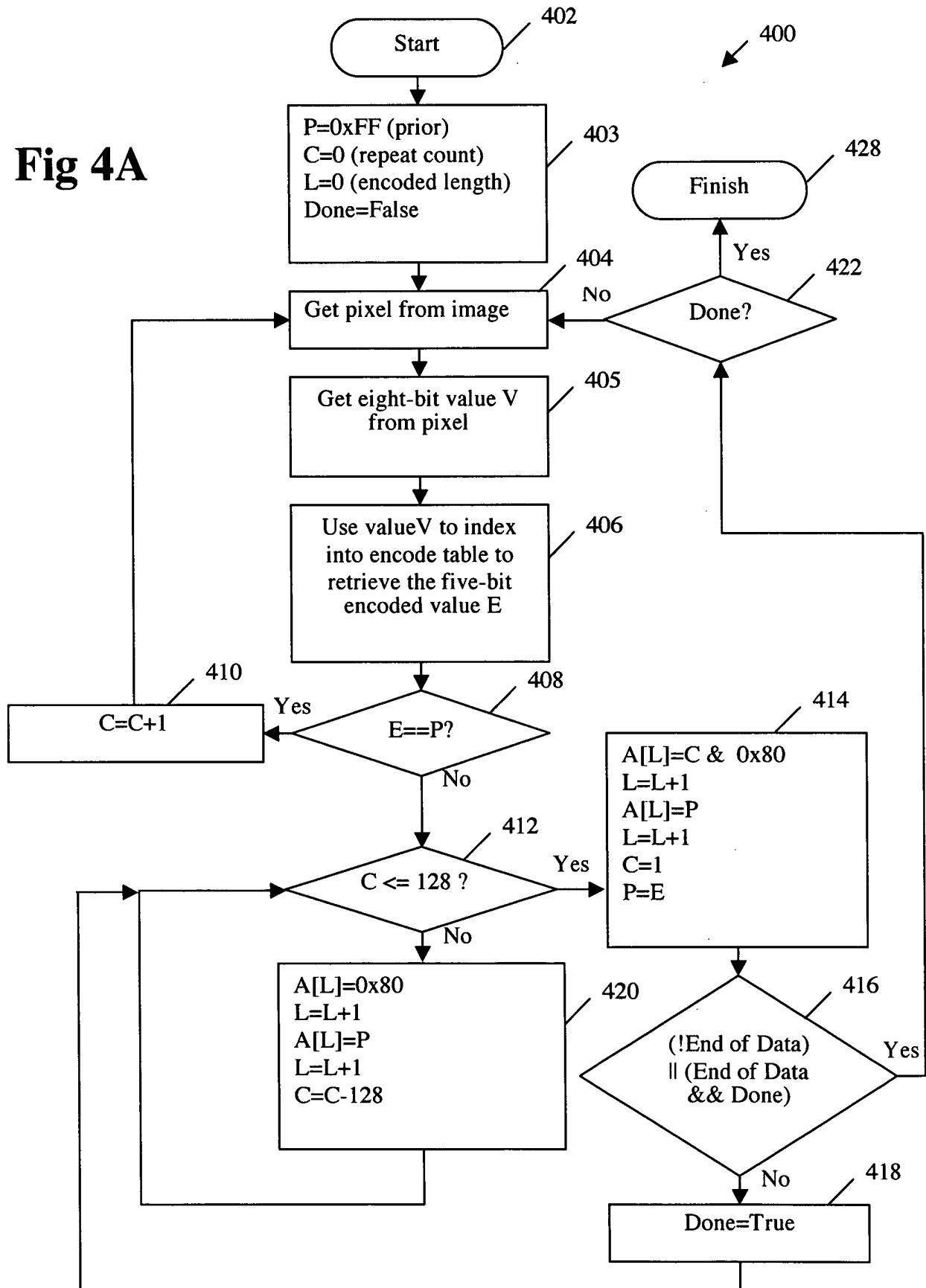
Fig 3A

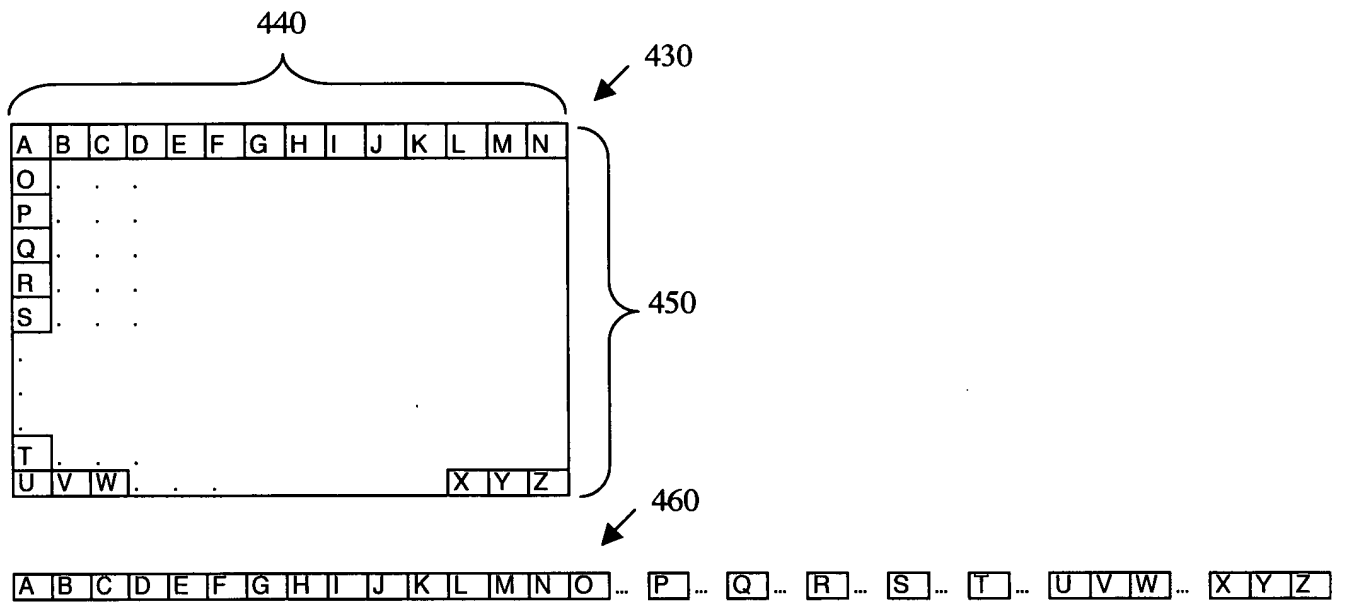
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370 ↓	330 ↓			350 ↓						360 ↓
0	0	1	2	3	4					0
1	5	6	7	8	9	10	11	12		8
2	13	14	15	16	17	18	19	20		16
3	21	22	23	24	25	26	27	28	29	24
4	30	31	32	33	34	35	36	37		33
5	38	39	40	41	42	43	44	45		41
6	46	47	48	49	50	51	52	53		49
7	54	55	56	57	58	59	60	61	62	57
8	63	64	65	66	67	68	69	70		66
9	71	72	73	74	75	76	77	78		74
10	79	80	81	82	83	84	85	86		82
11	87	88	89	90	91	92	93	94	95	90
12	96	97	98	99	100	101	102	103		99
13	104	105	106	107	108	109	110	111		107
14	112	113	114	115	116	117	118	119		115
15	120	121	122	123	124	125	126	127	128	123
16	129	130	131	132	133	134	135	136		132
17	137	138	139	140	141	142	143	144		140
18	145	146	147	148	149	150	151	152		148
19	153	154	155	156	157	158	159	160	161	156
20	162	163	164	165	166	167	168	169		165
21	170	171	172	173	174	175	176	177		173
22	178	179	180	181	182	183	184	185		181
23	186	187	188	189	190	191	192	193	194	189
24	195	196	197	198	199	200	201	202		198
25	203	204	205	206	207	208	209	210		206
26	211	212	213	214	215	216	217	218		214
27	219	220	221	222	223	224	225	226	227	222
28	228	229	230	231	232	233	234	235		231
29	236	237	238	239	240	241	242	243		239
30	244	245	246	247	248	249	250	251		247
31	252	253	254	255						255

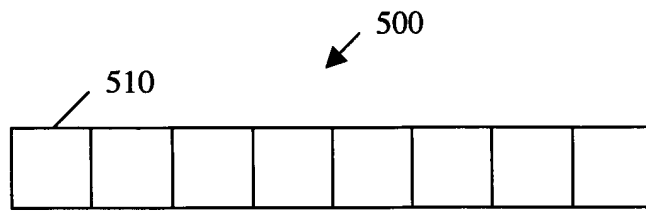
Fig 3B

Fig 4A

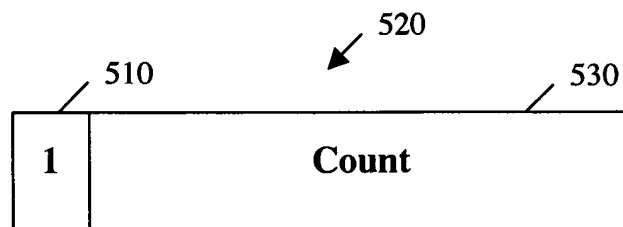




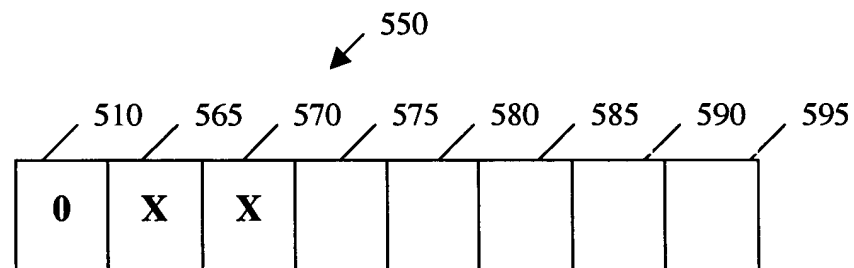
**Fig 4B**



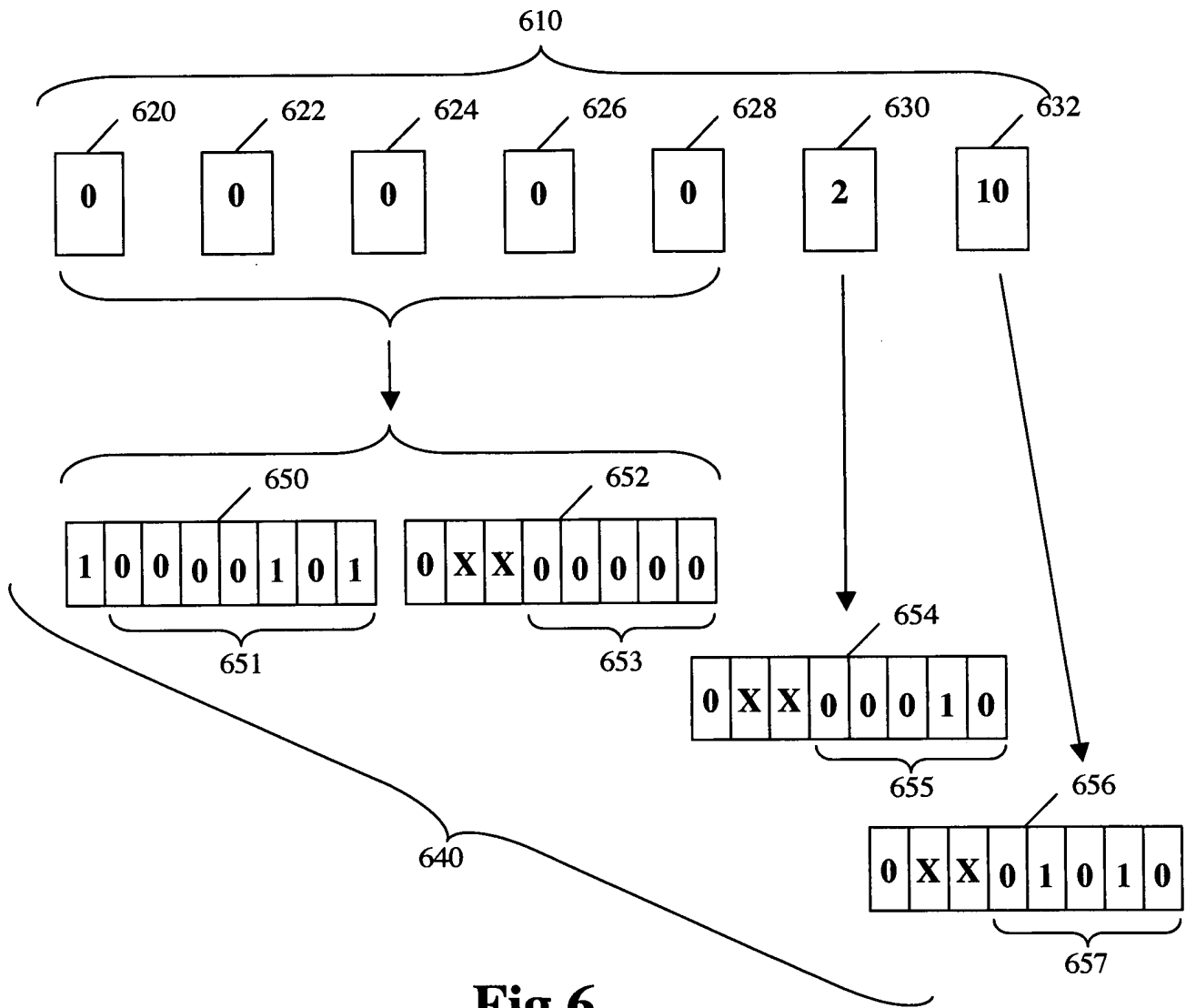
**Fig 5A**



**Fig 5B**



**Fig 5C**



**Fig 6**



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int decodeTable[ ] = {

	710	720	730	740
0xff << 24	0 << 16	0 << 8	0,	
0xff << 24	8 << 16	8 << 8	8,	
0xff << 24	16 << 16	16 << 8	16,	
0xff << 24	24 << 16	24 << 8	24,	
0xff << 24	33 << 16	33 << 8	33,	
0xff << 24	41 << 16	41 << 8	41,	
0xff << 24	49 << 16	49 << 8	49,	
0xff << 24	57 << 16	57 << 8	57,	
0xff << 24	66 << 16	66 << 8	66,	
0xff << 24	74 << 16	74 << 8	74,	
0xff << 24	82 << 16	82 << 8	82,	
0xff << 24	90 << 16	90 << 8	90,	
0xff << 24	99 << 16	99 << 8	99,	
0xff << 24	107 << 16	107 << 8	107,	
0xff << 24	115 << 16	115 << 8	115,	
0xff << 24	123 << 16	123 << 8	123,	
0xff << 24	132 << 16	132 << 8	132,	
0xff << 24	140 << 16	140 << 8	140,	
0xff << 24	148 << 16	148 << 8	148,	
0xff << 24	156 << 16	156 << 8	156,	
0xff << 24	165 << 16	165 << 8	165,	
0xff << 24	173 << 16	173 << 8	173,	
0xff << 24	181 << 16	181 << 8	181,	
0xff << 24	189 << 16	189 << 8	189,	
0xff << 24	198 << 16	198 << 8	198,	
0xff << 24	206 << 16	206 << 8	206,	
0xff << 24	214 << 16	214 << 8	214,	
0xff << 24	222 << 16	222 << 8	222,	
0xff << 24	231 << 16	231 << 8	231,	
0xff << 24	239 << 16	239 << 8	239,	
0xff << 24	247 << 16	247 << 8	247,	
0xff << 24	255 << 16	255 << 8	255	

};

Fig 7

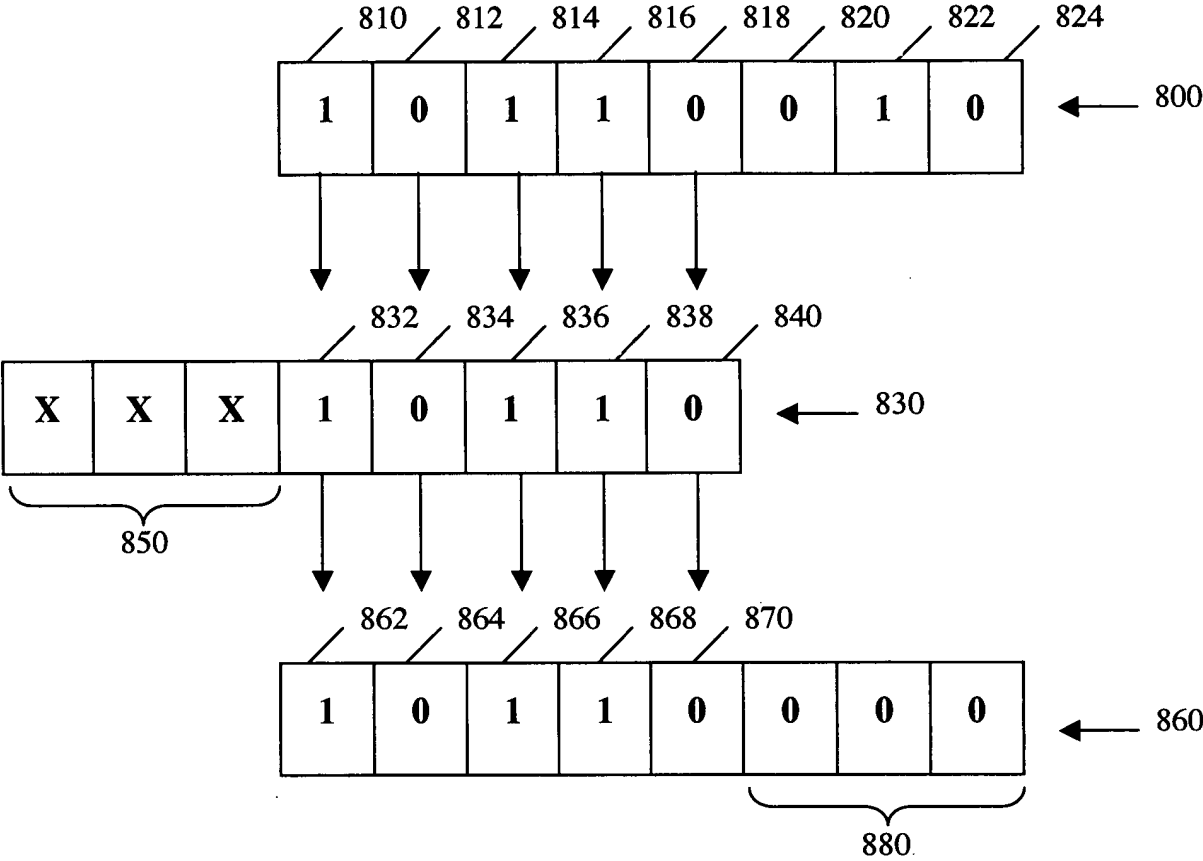
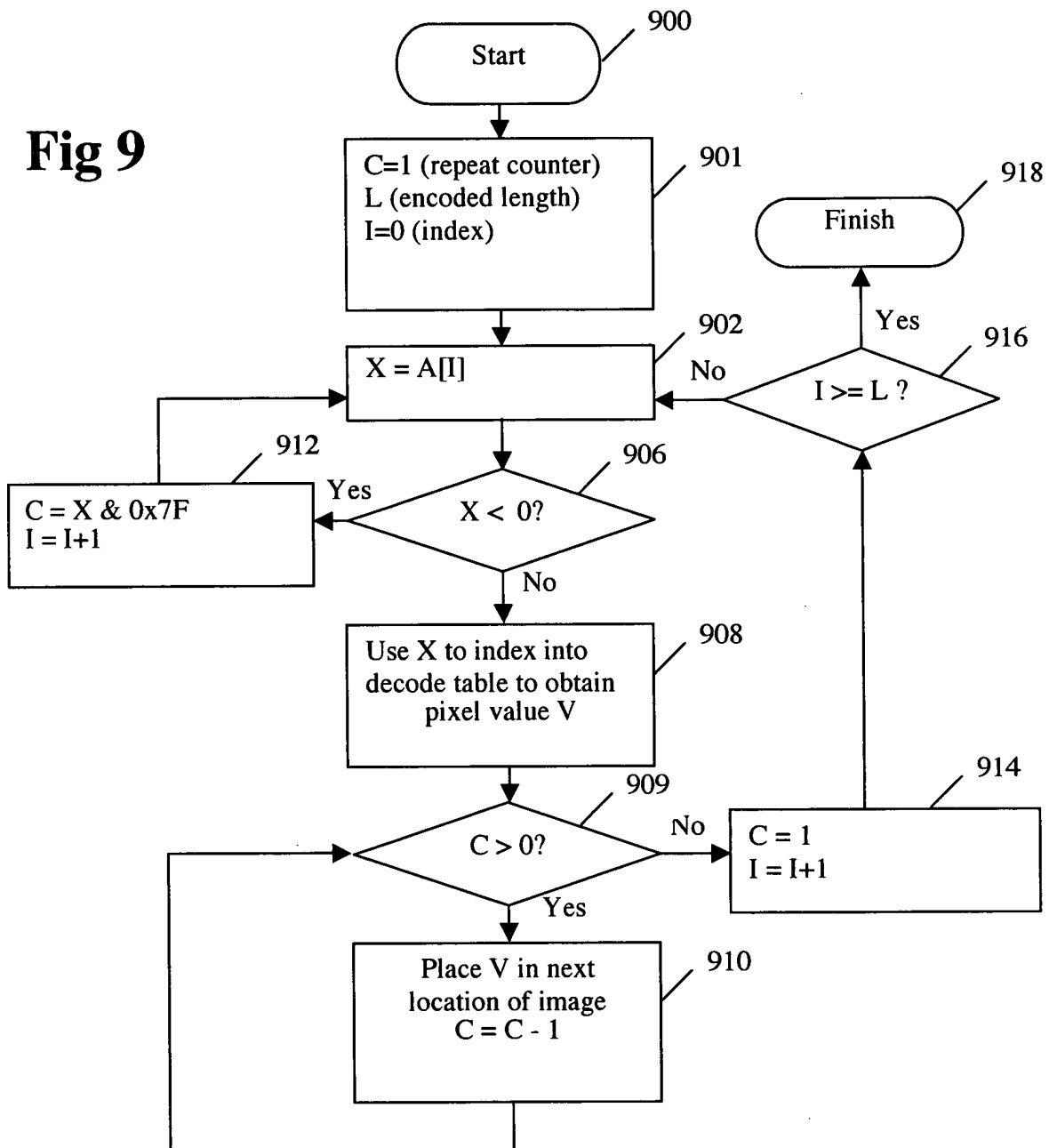


Fig 8

Fig 9



1000

0	24
1	18
2	25
3	5
4	3
5	6
6	12
7	30
8	21
9	27
10	1
11	16
12	31
13	4
14	14
15	20
16	10
17	28
18	23
19	9
20	15
21	22
22	29
23	13
24	19
25	26
26	2
27	17
28	0
29	8
30	11
31	7

Fig 10A

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1010



```
unsigned char encodeTable[ ] =
{
    24, 24, 24, 24, 24,                                     // 0 - 4 -> 0
    18, 18, 18, 18, 18, 18, 18, 18,                       // 5 - 12 -> 8
    25, 25, 25, 25, 25, 25, 25, 25,                       // 13 - 20 -> 16
    5, 5, 5, 5, 5, 5, 5, 5, 5,                             // 21 - 29 -> 24
    3, 3, 3, 3, 3, 3, 3, 3,                                // 30 - 37 -> 33
    6, 6, 6, 6, 6, 6, 6, 6,                                // 38 - 45 -> 41
    12, 12, 12, 12, 12, 12, 12, 12,                       // 46 - 53 -> 49
    30, 30, 30, 30, 30, 30, 30, 30, 30,                   // 54 - 62 -> 57
    21, 21, 21, 21, 21, 21, 21, 21,                       // 63 - 70 -> 66
    27, 27, 27, 27, 27, 27, 27, 27,                       // 71 - 78 -> 74
    1, 1, 1, 1, 1, 1, 1, 1,                                // 79 - 86 -> 82
    16, 16, 16, 16, 16, 16, 16, 16, 16,                   // 87 - 95 -> 90
    31, 31, 31, 31, 31, 31, 31, 31,                       // 96 - 103 -> 99
    4, 4, 4, 4, 4, 4, 4, 4,                                // 104 - 111 -> 107
    14, 14, 14, 14, 14, 14, 14, 14,                      // 112 - 119 -> 115
    20, 20, 20, 20, 20, 20, 20, 20, 20,                   // 120 - 128 -> 123
    10, 10, 10, 10, 10, 10, 10, 10,                      // 129 - 136 -> 132
    28, 28, 28, 28, 28, 28, 28, 28,                      // 137 - 144 -> 140
    23, 23, 23, 23, 23, 23, 23, 23,                      // 145 - 152 -> 148
    9, 9, 9, 9, 9, 9, 9, 9, 9,                            // 153 - 161 -> 156
    15, 15, 15, 15, 15, 15, 15, 15,                      // 162 - 169 -> 165
    22, 22, 22, 22, 22, 22, 22, 22,                      // 170 - 177 -> 173
    29, 29, 29, 29, 29, 29, 29, 29,                      // 178 - 185 -> 181
    13, 13, 13, 13, 13, 13, 13, 13, 13,                   // 186 - 194 -> 189
    19, 19, 19, 19, 19, 19, 19, 19,                      // 195 - 202 -> 198
    26, 26, 26, 26, 26, 26, 26, 26,                      // 203 - 210 -> 206
    2, 2, 2, 2, 2, 2, 2, 2,                               // 211 - 218 -> 214
    17, 17, 17, 17, 17, 17, 17, 17, 17,                   // 219 - 227 -> 222
    0, 0, 0, 0, 0, 0, 0, 0,                               // 228 - 235 -> 231
    8, 8, 8, 8, 8, 8, 8, 8,                               // 236 - 243 -> 239
    11, 11, 11, 11, 11, 11, 11, 11,                      // 244 - 251 -> 247
    7, 7, 7, 7,                                           // 252 - 255 -> 255
};
```

Fig 10B

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1020  
↙

```
int decodeTable[ ] =  
{  
    0xff << 24 | 231 << 16 | 231 << 8 | 231,  
    0xff << 24 | 82 << 16 | 82 << 8 | 82,  
    0xff << 24 | 214 << 16 | 214 << 8 | 214,  
    0xff << 24 | 33 << 16 | 33 << 8 | 33,  
    0xff << 24 | 107 << 16 | 107 << 8 | 107,  
    0xff << 24 | 24 << 16 | 24 << 8 | 24,  
    0xff << 24 | 41 << 16 | 41 << 8 | 41,  
    0xff << 24 | 255 << 16 | 255 << 8 | 255,  
    0xff << 24 | 239 << 16 | 239 << 8 | 239,  
    0xff << 24 | 156 << 16 | 156 << 8 | 156,  
    0xff << 24 | 132 << 16 | 132 << 8 | 132,  
    0xff << 24 | 247 << 16 | 247 << 8 | 247,  
    0xff << 24 | 49 << 16 | 49 << 8 | 49,  
    0xff << 24 | 189 << 16 | 189 << 8 | 189,  
    0xff << 24 | 115 << 16 | 115 << 8 | 115,  
    0xff << 24 | 165 << 16 | 165 << 8 | 165,  
    0xff << 24 | 90 << 16 | 90 << 8 | 90,  
    0xff << 24 | 222 << 16 | 222 << 8 | 222,  
    0xff << 24 | 8 << 16 | 8 << 8 | 8,  
    0xff << 24 | 198 << 16 | 198 << 8 | 198,  
    0xff << 24 | 123 << 16 | 123 << 8 | 123,  
    0xff << 24 | 66 << 16 | 66 << 8 | 66,  
    0xff << 24 | 173 << 16 | 173 << 8 | 173,  
    0xff << 24 | 148 << 16 | 148 << 8 | 148,  
    0xff << 24 | 0 << 16 | 0 << 8 | 0,  
    0xff << 24 | 16 << 16 | 16 << 8 | 16,  
    0xff << 24 | 206 << 16 | 206 << 8 | 206,  
    0xff << 24 | 74 << 16 | 74 << 8 | 74,  
    0xff << 24 | 140 << 16 | 140 << 8 | 140,  
    0xff << 24 | 181 << 16 | 181 << 8 | 181,  
    0xff << 24 | 57 << 16 | 57 << 8 | 57,  
    0xff << 24 | 99 << 16 | 99 << 8 | 99  
};
```

Fig 10C

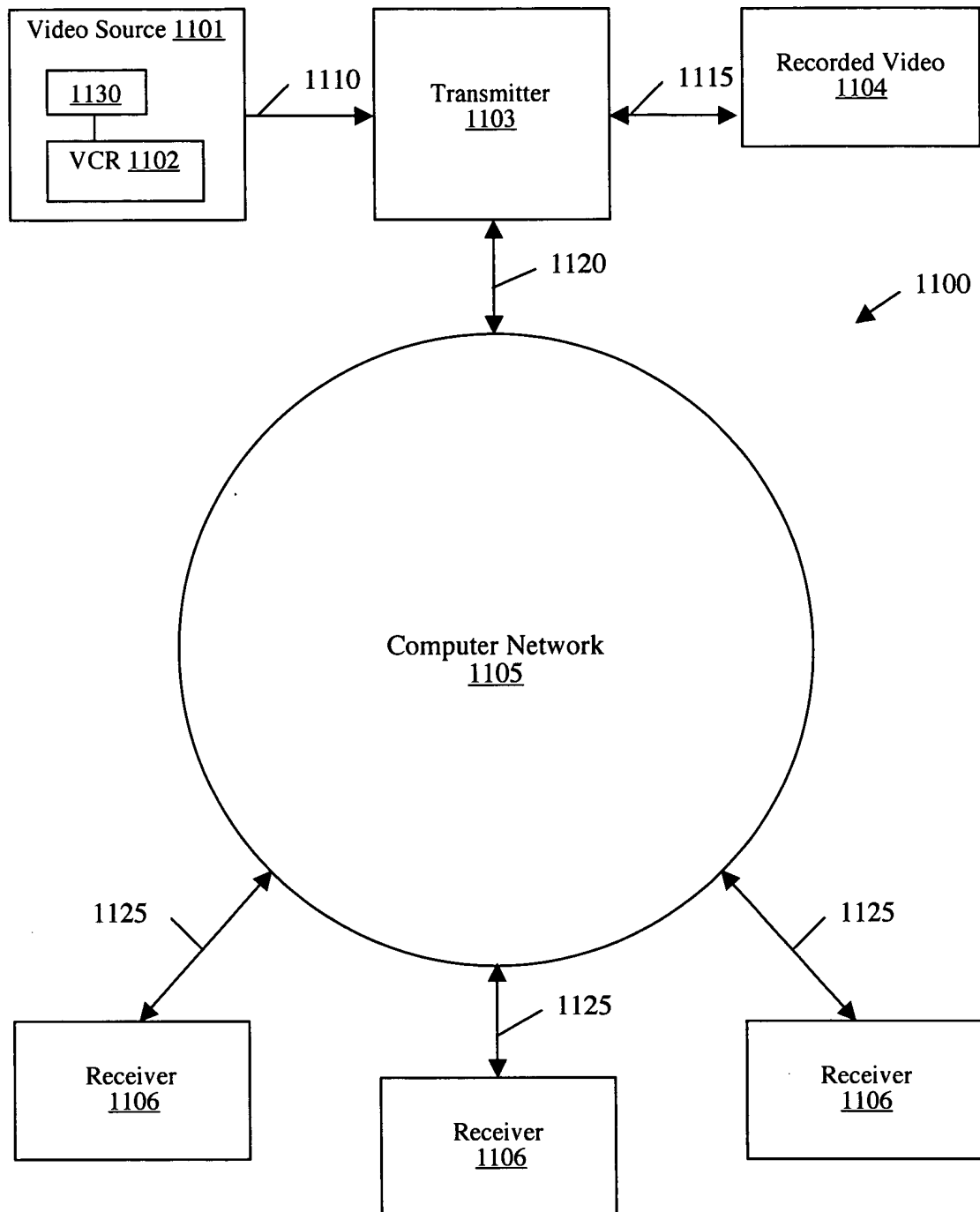


Fig 11

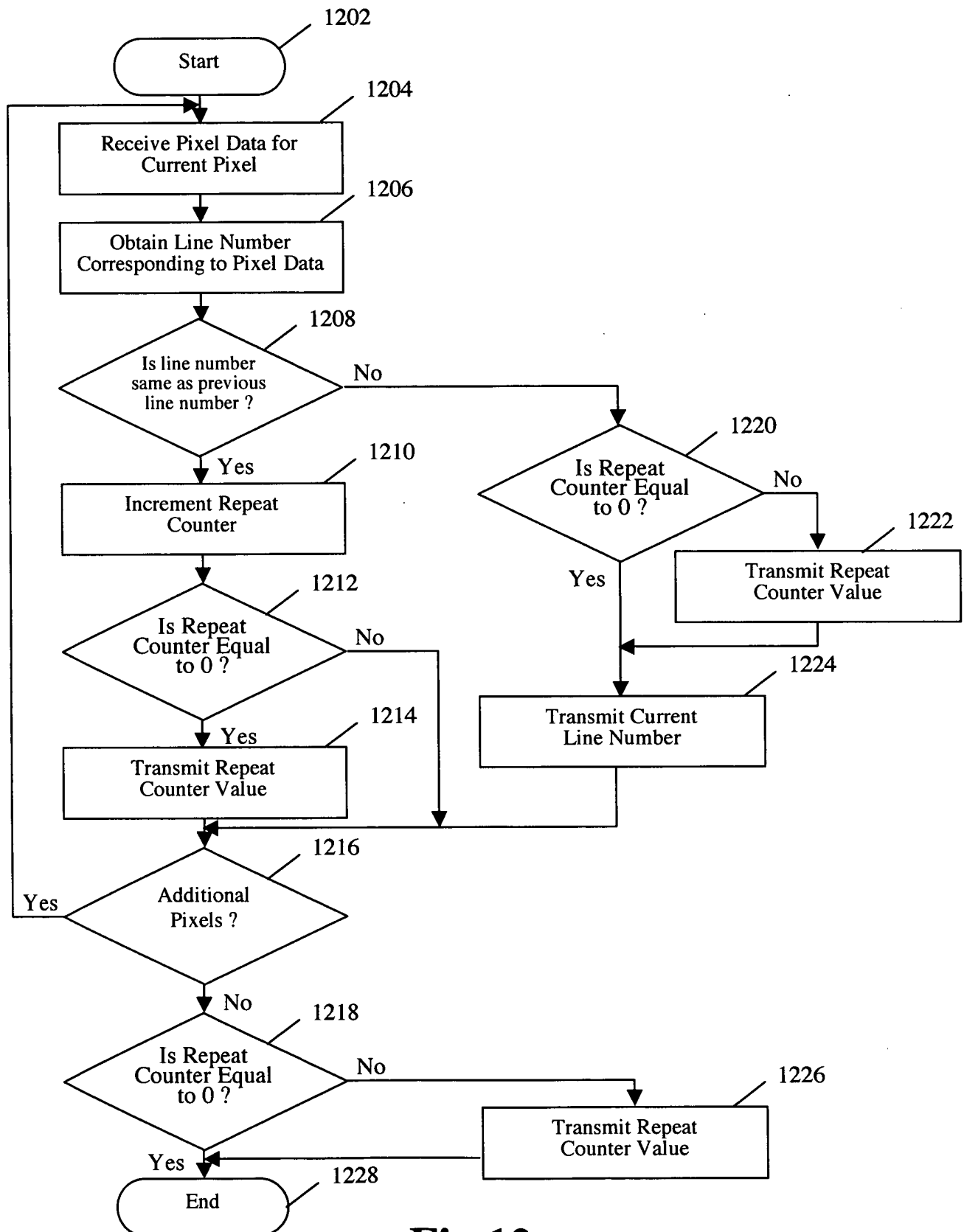


Fig 12



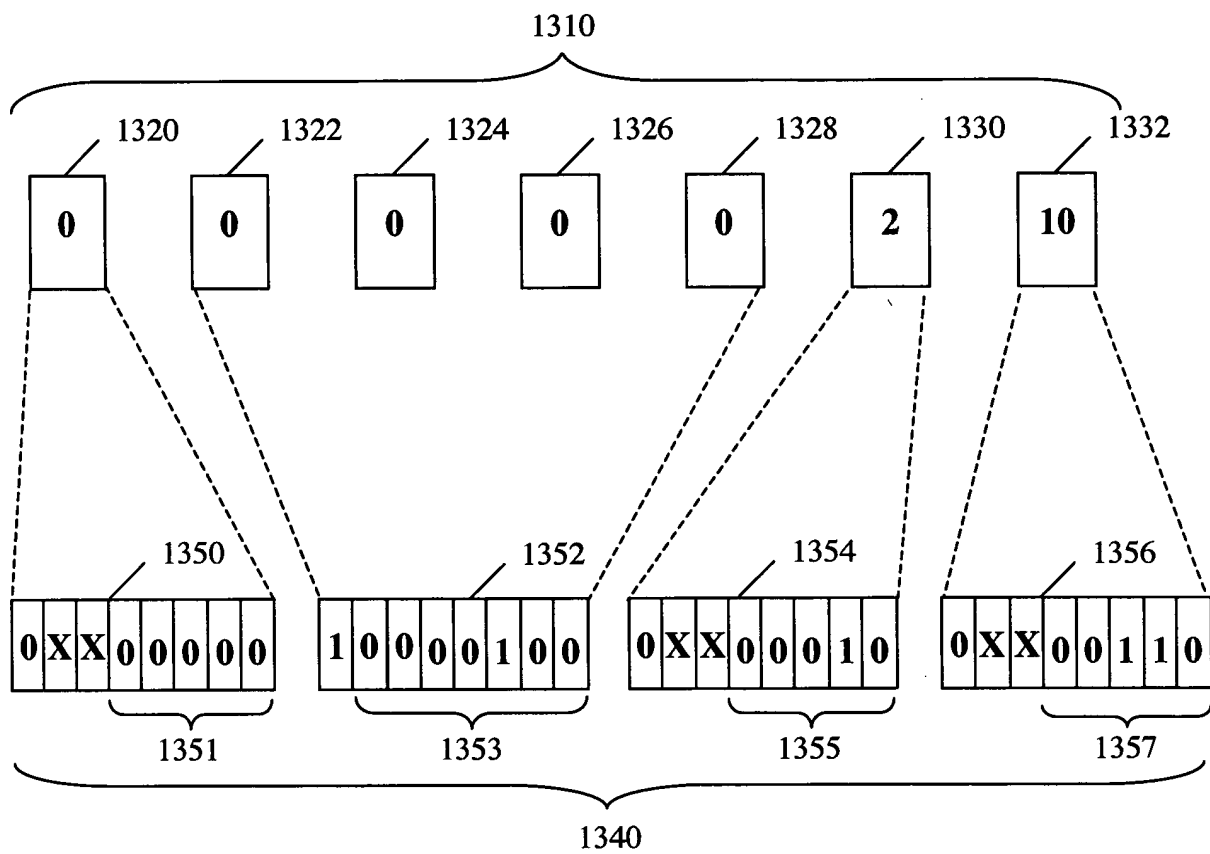
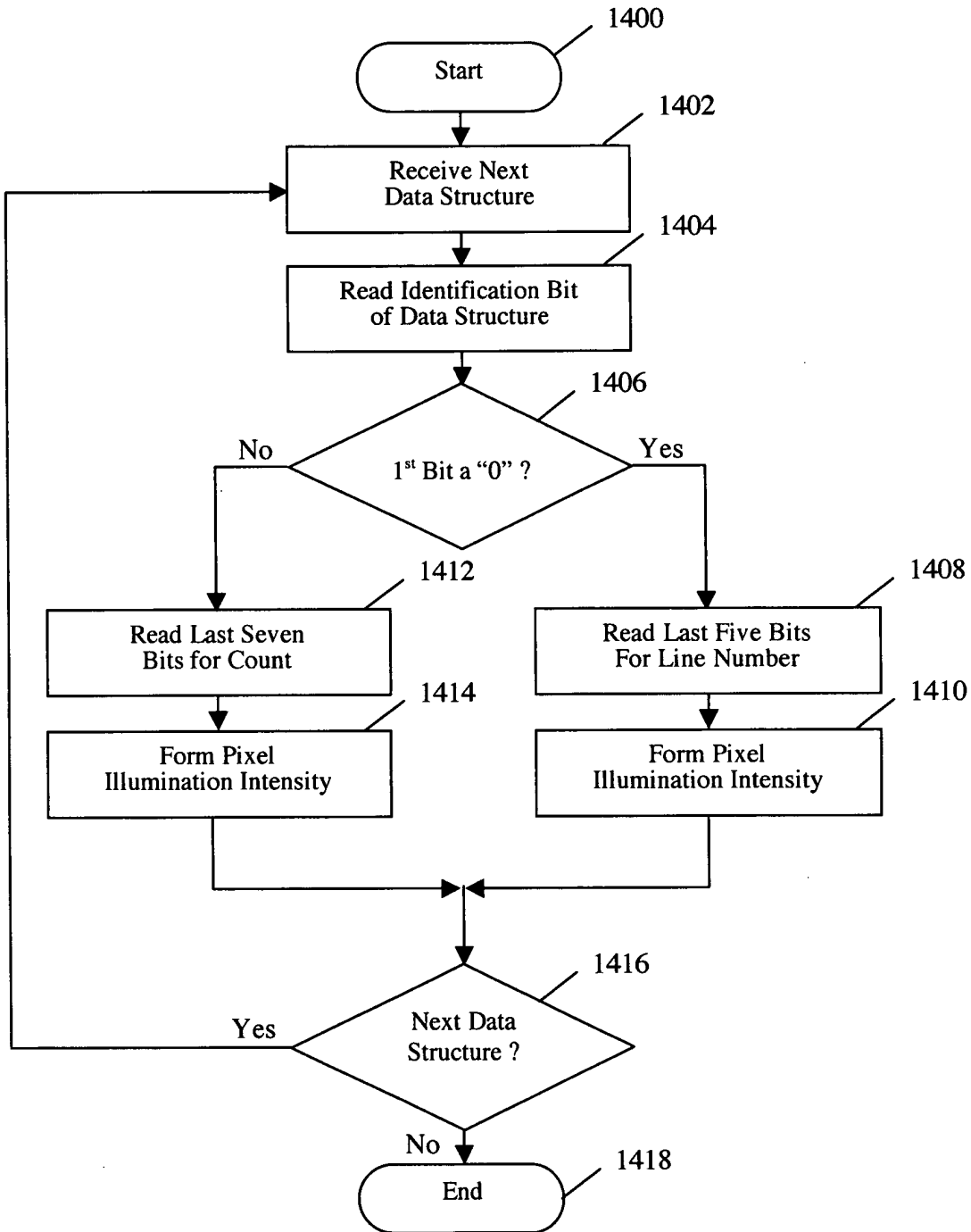


Fig 13

**Fig 14**

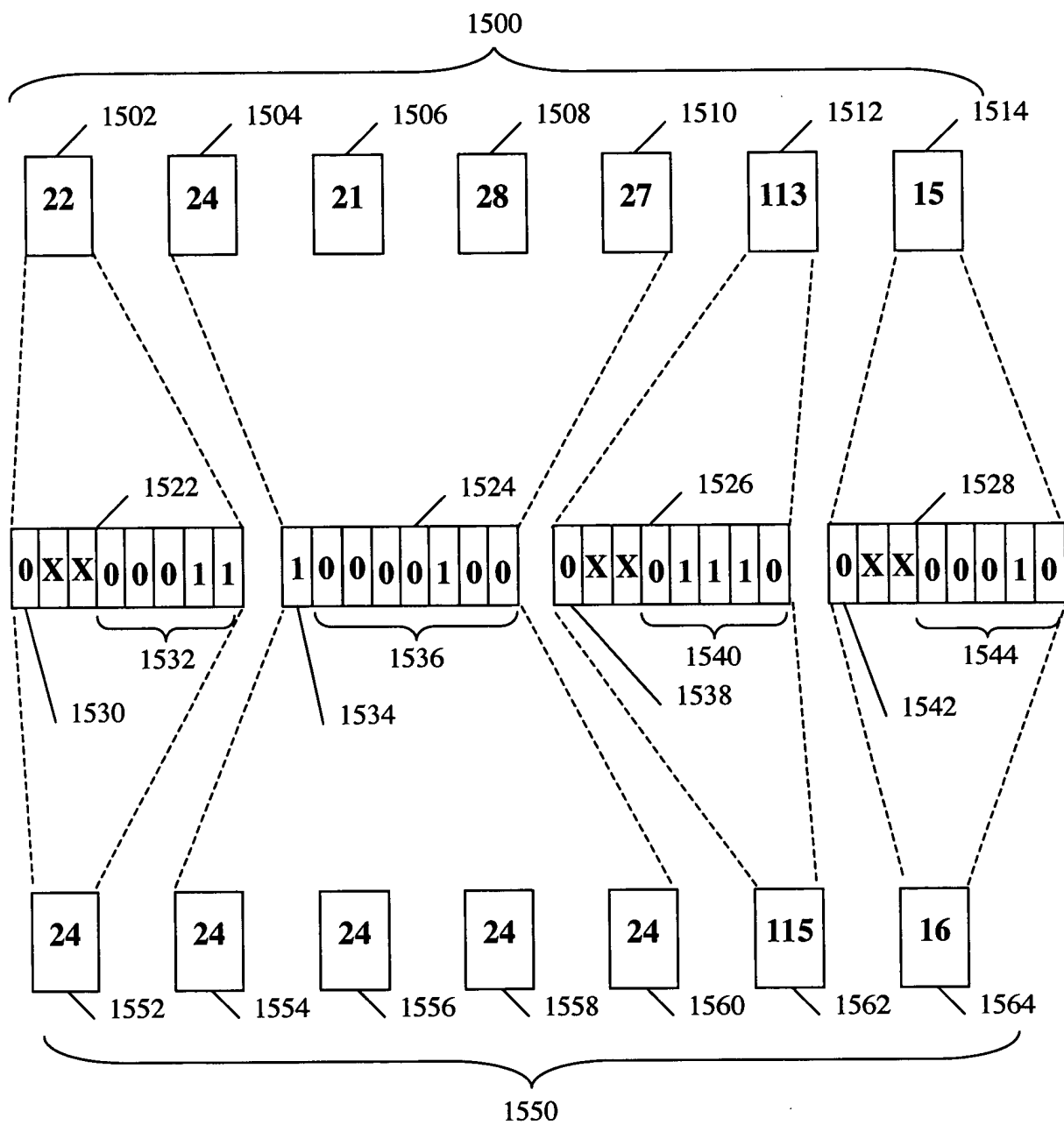


Fig 15